

## Dana Atchley Merrick

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San Francisco, CA – 978.206.1331

### HIGHLIGHTS

- Detail oriented, fast learner.
- Motivated problem solver.
- Superior communication skills.
- Technology generalist.

### EXPERIENCE

*Lead Infrastructure Engineer*  
IFTTT, San Francisco, CA

May 2014-March 2015

- Worked as sole infrastructure engineer responsible for servers on AWS and Heroku.
- Managed a complex Resque/Redis infrastructure.
- Updated Chef infrastructure to latest version and best practices.
- Added many stability improvements to the deploy process.
- Upgraded from Ruby 1.9 to Ruby 2.1 with no downtime.
- Cleaned up the codebase and the infrastructure from cruft, outdated/broken tools, and unnecessary costs.
- Countless improvements to monitoring and alerting tools, like PagerDuty, Graphite, and CloudWatch.
- Responded to, diagnosed, and fixed countless "fires" with the existing infrastructure.
- Contributed to numerous other areas of the company.

*Platform Engineer*

July 2011-May 2014

Zencoder / Brightcove, San Francisco, CA

- Lead the team responsible for replacing Brightcove's transcoding stack with Zencoder infrastructure.
- Managed build farm, Postgres databases, Riak servers, and Nagios monitoring.
- Migrated the AWS infrastructure to physical servers (and vice versa).
- Personally handled many long-term operations projects:
  - Allowed the AWS stack to run locally using Chef and Vagrant.
  - Automated building of machine images using Packer.
  - Modernized the Chef infrastructure using tools like Berkshelf and Foodcritic.
  - Upgraded Ruby from Ruby Enterprise 1.8.7 to Ruby 2.1.

Brightcove, Boston, MA

- Worked on a team of engineers to design, build, and support a platform for cross-platform mobile development.
- Managed infrastructure configuration and deployment using Chef and AWS.
- Personally lead a team of engineers to completely overhaul the previous Chef infrastructure, including migrating hundreds of existing nodes.
- Supported multiple cross-region MongoDB replica sets and Resque queues.
- Participated in a 24/7 on-call support rotation.
- Designed and built Ruby on Rails application features and code.

*Software Engineer*

July 2010-July 2011

BCM (formerly Backchannelmedia), Boston, MA

- Lead a small team of Ruby developers in designing, building, and launching a Rails 3 daily deal site: "Hazzoo.com."
- Personally handled entire Rails deploy and release management process using Engine Yard, Heroku, and AWS.
- Followed TDD paradigm utilising RSpec, Shoulda, Cucumber, and Selenium.

- Adhered to the agile development methodology, participating in daily scrum meetings and bimonthly sprints.
- Oversaw the completion, deployment, and maintenance of a pair of Rails 2.3 applications for an interactive TV project: “ClickableTV.com.”
- Earned a reputation as the resident Git expert; provided lessons, presentations, and advice on getting the most out of SCM in day-to-day development.

*Web Software Developer*

Summer 2009

Wieck Media, Dallas, TX

- Pure Ruby development; contributing to the company’s in-house web framework (and Rails alternative), called “Harbor.”
- Designed and developed libraries (gems) for user, media, and release management, including a heavy focus on i18n for an international client.

*System Administrator* Summers/Holidays 2006-2009  
Integrated Computer Solutions, Bedford, MA

- Managed the server infrastructure for all of the in-house machines, including production servers, personal work stations, virtual machines, and legacy hardware.
- Built server monitoring system, cared for physical servers, contributed to and maintained software.
- Developed features in PHP for their sister company's project management suite, called "Project.net."
- Helped a team of UI designers create tools to manage offshore workers and a full-featured online timecard system.

**EDUCATION** *Trinity College, Hartford, CT* May 2010  
Bachelor of Science, Double Major  
Computer Science & Classical Mathematics  
Founding member: Hartford Ruby Brigade

*Kimball Union Academy, Meriden, NH* May 2006  
Cum Laude

*Minuteman Regional High School, Lexington, MA* 2001-2004

**COMPUTER SKILLS** *Fluent:* Ruby, chef, AWS Java, SQL, JavaScript, HTML/Haml, CSS/Sass, shell scripting, sed.  
*Advanced:* C/C++, Git, Scheme, Haskell, L<sup>A</sup>T<sub>E</sub>X, PHP, Perl.  
*Proficient:* Python, Go, Clojure, Qt, AWK, Common Lisp.  
*Operating Systems:* GNU/Linux, OS X, UNIX/BSD, ESX.  
*Expertise:* Configuration management, backend design, cloud architecture, scaling, networking, regular expressions, security.

**PORTFOLIO** My GitHub account has many public repositories for you to browse.  
The most up-to-date version of this résumé can also be found there.  
You may find it at [github.com/dmerrick](https://github.com/dmerrick).

**LOOKING FOR** Opportunity to be rewarded for innovation and leadership.  
Camaraderie with an intelligent team.  
Adoption of modern technologies.

**REFERENCES** Available upon request.